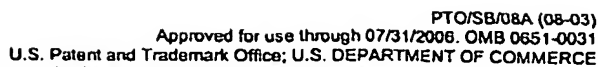




Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. S&B-0005	Application No. 10/506,713
		Applicant Ri-Cheng Chian	
		Filing Date May 17, 2005	Group 1645
		Confirmation No. 4884	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
/TG/	93	Brzyski, R.G. et al., "In Vitro Maturation of Oocytes Derived from Unstimulated Antral Follicles," <i>Assisted Reproduction</i> , 1999, 9(2), 79-86	
EXAMINER /Tiffany Gough/		DATE CONSIDERED 09/26/2007	



Substitute for form 1449/PTO

(Use as many sheets as necessary)

Sheet	1	of	2
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Complete if Known

Application Number	10/506,713
Filing Date	May 17, 2005
First Named Inventor	RI-Cheng Chian
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	S&B-0005

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ² Number ⁴ Kind Code ⁵ (if known)	MM-DD-YYYY			
/TG/	B1	SU 1,787,034	01-07-1993	Translated Abstract Only		✓
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	10/508,713
Filing Date	May 17, 2005
First Named Inventor	Ri-Cheng Chian
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	S&B-0005

Sheet 2 of 2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages, volume-issue number(s), publisher, city and /or country where published.	T ²
/TG/	C1	DOWNS, STEPHEN M., et al., "Induction of Maturation in Cumulus Cell-Enclosed Mouse Oocytes by Follide-Stimulating Hormone and Epidermal Growth Factor: Evidence for a Positive Stimulus of Somatic Cell Origin", The Journal of Experimental Zoology, (1988), p. 86-96, Vol. 245, Alan R. Liss, Inc.	<input type="checkbox"/>
/TG/	C2	LEESE, HENRY J., et al., "Production of Pyruvate by Isolate Mouse Cumulus Cells", The Journal of Experimental Zoology, (1985), p. 231-236, Vol. 234, Alan R. Liss, Inc.	<input type="checkbox"/>
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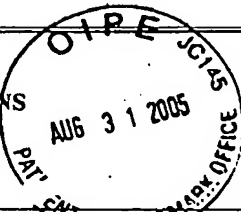
Examiner Signature	/Tiffany Gough/	Date Considered	09/26/2007
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a checkmark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Form PTO-1449 (Modified)	Atty. Docket No. S&B-0005	Serial No. 10/506,713
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant RI-Cheng CHIAN	
	Filing Date May 17, 2005	Group Not yet assigned



REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROPRIATE
ITG/	A1	4,987,080	01/22/1991	GROB et al.			
	A2	5,563,059	10/08/1996	ALAK et al.			
	A3	5,882,928	03/16/1999	MOSES, R. M.			
ITG/	A4	6,211,429	04/03/2001	Machaty et al.			

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							YES	NO
ITG/	B1	90/13627	11/15/1990	WO				
	B2	95/03817	02/09/1995	WO				
	B3	99/67365	12/29/1999	WO				
	B4	00/32140	06/08/2000	WO				
ITG/	B5	00/50065	08/31/2000	WO				

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ITG/	C1	ADAMS, J., et al., "Prevalence of polycystic ovaries in women with anovulation and idiopathic hirsutism", (1986) Br. Med. J., Vol. 293, p. 355-359.
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	C4	BAE, I.H., et al., "Utilization of glutamine for energy and protein synthesis by cultured rabbit follicular oocytes", (1975) Exptl. Cell. Res., Vol. 90, p. 432-436.
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	C7	BEVERS, M.M., et al., "Regulation and modulation of oocyte maturation in the bovine", (1997) Theriogenology, Vol. 47, p. 13-22.
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/TG/	A5	6,281,013	08/28/2001	Grøndahl			
/TG/	A6	2001/0028878 (Published Appln.)	10/11/2001	Lindenberg et al.			

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							YES	NO
/TG/	B6	00/50066	08/31/2000	WO				
/TG/	B7	01/38493	05/31/2001	WO				

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/TG/	C14	CEKLENIAC, N.A., et al., "A novel system for in vitro maturation of human oocytes", (2001) <i>Fertil. Steril.</i> , Vol. 75, No. 6, p. 1185-1193.
	C15	CHA, K.Y., et al., "Pregnancy after in vitro fertilization of human follicular oocytes collected from nonstimulated cycles, their culture in vitro and their transfer in a donor oocyte program", (1991) <i>Fertil. Steril.</i> , Vol. 55, No. 1, p. 109-113.
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	C19	CHIAN, R.C., et al., "Molecular and structural characteristics between immature human oocytes retrieved from stimulated and unstimulated ovaries" (1997) Gomel V., et al. (eds.), <i>The World Congress on In Vitro Fertilization and Assisted Reproduction</i> ; Monduzzi, Bologna, p. 315-319.
	C20	CHIAN, R.C., et al., "Pregnancies resulting from in vitro matured oocytes retrieved from patients with polycystic ovary syndrome after priming with human chorionic gonadotropin", (1999) <i>Fertil. Steril.</i> , Vol. 72, p. 639-642.
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	C22	CHIAN, R.C., et al., "Production of steroids from human cumulus cells treated with different concentrations of gonadotropins during culture in vitro", (1999) <i>Fertil. Steril.</i> , Vol. 71, p. 61-66.
	C23	CHIAN, R.C., et al., "Prospective randomized study of human chorionic gonadotrophin priming before immature oocyte retrieval from unstimulated women with polycystic ovarian syndrome", (2000) <i>Hum. Reprod.</i> , Vol. 15, No. 1, p. 165-170.
	C24	CHIAN, R.C., et al., "Pregnancy and delivery after cryopreservation of zygotes produced by in-vitro matured oocytes retrieved from a woman with polycystic ovarian syndrome", (2001) <i>Hum. Reprod.</i> , Vol. 16, No. 8, p. 1700-1702.
	C25	CHIAN, R.C., et al., "Maturation and developmental competence of cumulus-free immature human oocytes derived from stimulated and intracytoplasmic sperm injection cycles", <i>Reproductive BioMedicine Online</i> , Vol. 5, No. 2, p. 125-132, www.rbmonline.com/Article/696 on web 1 August.
	C26	CROSBY, I.M., et al., "Follicle cell regulation of protein synthesis and developmental competence in sheep oocytes", (1981) <i>J. Reprod. Fert.</i> , Vol. 62, p. 575-582.
	C27	CROSS, P.C., "The role of cumulus cells and serum in mouse oocyte maturation in vitro", (1973) <i>J. Reprod. Fert.</i> , Vol. 34, p. 241-245.
	C28	CROSS, P.C., et al., "In vitro development of mouse oocytes", (1970) <i>Biol. Reprod.</i> , Vol. 3, p. 298-307.
/TG/	C29	DE VOS, A., et al., "In-vitro matured metaphase-I oocytes have a lower fertilization rate but similar embryo quality as mature metaphase-II oocytes after intracytoplasmic sperm injection", (1999) <i>Hum. Reprod.</i> , Vol. 14, No. 7, p. 1859-1863.

EXAMINER	DATE CONSIDERED
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EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 (Modified)	Atty. Docket No. S&B-0005	Serial No. Not yet assigned
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	Applicant Ri-Cheng CHIAN	
	Filing Date May 17, 2005	Group Not yet assigned

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
/TG/ B8	01/76360	10/18/2001	WO			
/TG/ B9	2,199,663	09/11/1998	CA			

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

/TG/ C30	DEKEL, N., "Regulation of oocyte maturation. The role of cAMP", (1988) Ann. NY. Acad. Sci., Vol. 541, p. 211-216.
C31	DIRNFELD, M., et al., "Functional differentiation in progesterone secretion by granulosa versus cumulus cells in the human preovulatory follicle and the effect of different induction of ovulation protocols", (1993) Fertil. Steril., Vol. 60, No. 6, p. 1025-1030.
C32	DONAHUE, R.P., et al., "Follicular cell support of oocyte maturation: production of pyruvate in vitro", (1968) J. Reprod. Fertil., Vol. 17, p. 395-398.
C33	DOWNS, S.M., et al., "The participation of energy substrates in the control of meiotic maturation in murine oocytes", (1994) Dev. Biol., Vol. 162, p. 154-168.
C34	EDIRISINGHE, W.R., et al., "Birth from cryopreserved embryos following in vitro maturation of oocytes and intracytoplasmic sperm injection", (1997) Hum. Reprod., Vol. 12, No. 5, p. 1056-1058.
C35	EPPIG, J.J., et al., "Inhibition of oocyte maturation in mouse: participation of cAMP, steroid hormones, and a putative maturation-inhibitory factor", (1983) Dev. Biol., Vol. 100, p. 39-49.
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C38	GOLDMAN, S., et al., "Different morphology and proliferative ability of cumulus and granulosa cells originating from cystic follicles aspirated from stimulated in vitro fertilization patients", (1993) Fertil. Steril., Vol. 59, No. 3, p. 601-605.
C39	GOUD, P.T., et al., "In-vitro maturation of human germinal vesicle stage oocytes: role of cumulus cells and epidermal growth factor in the culture medium", (1998) Hum. Reprod., Vol. 13, p. 1638-1644.
↓ C40	GROSS-WEEGE, W., et al., "Inhibition of histamine release from rat peritoneal mast cells by a factor from human serum — identification as transferrin", (1986) Agents Actions, Vol. 19, p. 10-17.
/TG/ C41	GWATKIN, R.B.L., et al., "Requirements for the maturation of hamster oocytes in vitro", (1973) Exp. Cell. Res., Vol. 76, p. 1-7.
EXAMINER	
DATE CONSIDERED	

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
ITG	B10 2000-1017160	01/23/2001	JP			Abstract Only	

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

ITG/	C42	JAROUDI, K.A., et al., "Embryo development and pregnancies from in vitro matured and fertilized human oocytes", (1999) Hum. Reprod., Vol. 14, No. 7, p. 1749-1751.
	C43	KANE, M.T., et al., "Peptide growth factors and preimplantation development", (1997) Hum. Reprod. Update, Vol. 3, No. 2, p. 137-157.
	C44	KENNEDY, J., et al., "Human Oocytes: Maturation in Chemically Defined Media", (1969) Science, Vol. 164, p. 1292-1293.
	C45	KIM, H., et al., "Regulation of nuclear membrane assembly and maintenance during in vitro maturation of mouse oocytes: role of pyruvate and protein synthesis", (1991) Cell. Tissue Res., Vol. 265, p. 105-112.
	C46	LAUFER, N., et al., "Asynchrony between human cumulus-corona cell complex and oocyte maturation after human menopausal gonadotropin treatment for in vitro fertilization", (1984) Fertil. Steril., Vol. 42, No. 3, p. 366-372.
	C47	LEESE, H.J., et al., "Pyruvate and glucose uptake by mouse ova and preimplantation embryos", (1984) J. Reprod. Fert., Vol. 72, p. 9-13.
	C48	LIU, J., et al., "Successful in vitro maturation of human oocytes not exposed to human chorionic gonadotropin during ovulation induction, resulting in pregnancy", (1997) Fertil. Steril., Vol. 67, No. 3, p. 566-568.
	C49	MacDOUGALL, M.J., et al., "A controlled study comparing patients with and without polycystic ovaries undergoing in-vitro fertilization", (1993) Hum. Reprod., Vol. 8, No. 2, p. 233-237.
	C50	MALAMITSI-PUCHNER, A., et al., "Concentrations of angiogenic factors in follicular fluid and oocyte-cumulus complex culture medium from women undergoing in vitro fertilization: Association with oocyte maturity and fertilization", (2001) Fertility and Sterility, Vol. 76, No. 1, p. 98-101.
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					YES	NO

OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

/TG/	C53	MORGAN, P.M., et al., "In vitro maturation of ovarian oocytes from unstimulated rhesus monkeys: assessment of cytoplasmic maturity by embryonic development after in vitro fertilization", (1991) Biol. Reprod., Vol. 45, p. 89-93.
	C54	NAGY, Z.P., et al., "Pregnancy and birth after intracytoplasmic sperm injection of in vitro matured germinal-vesicle stage oocytes: case report", (1996) Fertil. Steril., Vol. 65, No. 5, p. 1047-1050.
	C55	NIWA, K., et al., "Fertilization of rat eggs in vitro at various times before and after ovulation with special reference to fertilization of ovarian oocyte matured in culture", (1975) J. Reprod. Fert., Vol. 43, p. 435-451.
	C56	PATSOULA, E., et al., "Expression of mRNA for the LH and FSH receptors in mouse oocytes and preimplantation embryos", (2001) Reproduction, Vol. 121, p. 455-461.
	C57	PRINS, G.S., et al., "Gonadotropins augment maturation and fertilization of human immature oocytes cultured in vitro", (1987) Fertil. Steril., Vol. 47, No. 6, p. 1035-1037.
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	C59	SCHROEDER, A.C., et al., "Factors affecting the developmental capacity of mouse oocytes undergoing maturation in vitro", (1988) Ann. NY. Acad. Sci., Vol. 541, p. 197-204.
/TG/	C60	SCHULTZ, R.M., et al., "Regulation of oocyte maturation in the mouse: possible roles of intercellular communication, cAMP and testosterone", (1983) Dev. Biol., Vol. 95, p. 294-304.
	C61	SHEA, B.F., et al., "Human follicular oocytes and their maturation in vitro", (1975) Fertil. Steril., Vol. 26, No. 11, p. 1075-1082.

EXAMINER /Tiffany Gough/	DATE CONSIDERED 09/26/2007
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OTHER ART (including Author, Title, Date, Pertinent Pages, Etc.)

TM	C62	STEPTOE, J.D., et al., "Birth after the reimplantation of a human embryo", (1978) Lancet, ii:366.
	C63	TROUSON, A., et al., "In vitro maturation and fertilization and developmental competence of oocytes recovered from untreated polycystic ovarian patients", (1994) Fertil. Steril., Vol. 62, No. 2, p. 353-362.
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	C65	TROUSON, A., et al., "Maturation of human oocytes in vitro and their developmental competence", (2001) Reproduction, Vol. 121, p. 51-75.
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	C67	VAN BLERKOM, J., et al., "Molecular differentiation of the rabbit ovum. I. During oocyte maturation in vivo and in vitro", (1978) Develop. Biol., Vol. 63, p. 139-150.
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	C70	VEECK, L.L., et al., "Maturation and fertilization of morphologically immature human oocytes in a program of in vitro fertilization", (1983) Fertil. Steril., Vol. 39, No. 5, p. 594-602.
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TM	C73	WYNN, P., et al., "Pretreatment with follicle stimulating hormone promotes the numbers of human oocytes reaching metaphase II by in-vitro maturation", (1998) Hum. Reprod., Vol. 13, No. 11, p. 3132-3138.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 9/26/07
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EXAMINER:

Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.